

MIOSHA Training Institute

Protecting the Safety and Health of Michigan's Workers

Since 2007 MIOSHA Consultation Education & Training (CET) Division and Macomb Community College (Macomb) have partnered on the MIOSHA Training Institute (MTI). Employers, employees and other interested parties can benefit from attending courses through the MTI. The MTI reaches out, educates, and leads the state's employers and employees in improving and advancing workplace safety and health.

MTI Certificate Program

The certificate program offers participants an opportunity to be recognized for their educational efforts and increased technical expertise. The courses offer continuing education credits and maintenance points as well as an opportunity to achieve Level One and Level Two certificates in General Safety and Health, Safety and Health Management Systems (SHMS), and Occupational Health. Attending MTI courses may qualify an employer for "good faith" credits during a MIOSHA inspection which may lead to a reduction in penalties.

Courses are offered throughout the state in sponsorship with other M-TEC facilities, community colleges, and safety and health organizations at a reasonable cost. Participants can select and attend MTI courses at any cosponsored location. All participants who successfully complete a course will become part of the MTI database managed by Macomb. Participants are under no obligation to pursue certificate program requirements.

Level One Certificate Programs

Many Level One courses are designed for new safety and health coordinators, committee members, and others interested in general safety and health information. Level One allows the participant to begin the process of developing a safety and health management system while becoming familiar with MIOSHA Standards and other relevant topics.

To achieve the certificate, students in the General Industry Safety and Health track must successfully complete four classes, of which MIOSHA General Industry 10 Hour+ and Elements of a Safety & Health Management System (Blueprint) are required, along with two electives from Level One courses, within three years. Students in the Construction Safety and Health track must successfully complete seven classes of which MIOSHA 10 Hour for Construction, Part 45-Fall Protection and Health Hazards in Construction are required along with four other electives chosen from 14 electives, within three years. All course dates and locations are listed in the training calendar at www.michigan.gov/mioshatraining.

Level Two Certificate Programs

Three certificate programs will be offered in Level Two. The Safety and Health Management Systems certificate will provide in-depth information on the administration and management of workplace safety and health systems. This program is designed for those with responsibility for implementing these systems. Students will be required to take **six** core classes to obtain this certificate. The General Industry compliance track requires four core classes and five electives. The Construction Level 2 certificate track requires that students successfully pass any **eight** classes not previously taken from the Construction track. A Level One certificate must be achieved prior to the award of any Level Two certificate.

Occupational Health Certificate Program

The Occupational Health certificate is offered to those students who successfully complete five designated health classes.

LEVEL ONE CERTIFICATE PROGRAMS LEVEL TWO CERTIFICATE PROGRAMS General Industry Safety and Health **MIOSHA Compliance for General Industry** Required Required MIOSHA General Industry 10-Hour Part 7 – Guards for Power Transmission Elements of a Safety & Health Management System (Blueprint) Parts 17, 39 & 40 - Electrical Standards for **Electives (Select 2)** General Industry & Construction ** Human Factors Engineering (formerly Ergonomics) Part 85 – Control of Hazardous Energy Sources Job Safety Analysis Made Easy Parts 42, 92, & 430 – Hazard Communication Machine Guarding & Hazard Identification & Right to Know Requirements ** MIOSHA Recordkeeping & Cost of Injuries * **Electives (Select 5)** Supervisor's Role in Safety & Health * Part 1 - General Provisions When MIOSHA Enforcement Visits * Construction Safety and Health Parts 2, 3 & 4 – Floor/Wall Openings, Stairways & Skylights, Fixed and Portable Ladders Required Parts 6, 33, 433 - Personal Protective Equipment MIOSHA Construction 10-Hour Course Standards for General Industry & Construction** MIOSHA Construction - Part 45 Fall Protection Part 14 – Conveyors Part 21 - Powered Industrial Trucks: Health Hazards in Construction What Every Trainer & Operator Must Know Part 24 – Mechanical Power Presses **Electives (Select 4)** Asbestos & Lead Awareness Parts 90 & 490 – Permit Required Confined Spaces Excavations: The Grave Danger Part 380 - Occupational Noise Exposure Electricity: The Invisible Killer Part 451 – Respiratory Protection** Parts 472 & 554 - Medical Services & First Aid, MIOSHA Recordkeeping & Cost of Injuries * **Bloodborne Infectious Diseases** Supervisor's Role in Safety & Health * **Industrial Laser Safety** When MIOSHA Enforcement Visits * **Industrial Robot Safety** Part 2 - Masonry Wall Bracing Parts 6, 33, & 433 - Personal Protective Equipment **MIOSHA Compliance for Construction** Standards for General Industry & Construction ** Part 10 – Lifting & Digging Equipment: Students must successfully pass any eight electives not previously Construction Cranes & Rigging taken from the Construction track Part 12 - Scaffolds & Scaffold Platforms Safety and Health Management Systems Part 13 - Mobile Equipment & Work Zone Safety (both General Industry and Construction) Part 32 - Aerial Work Platforms Required Parts 17, 39 & 40 - Electrical Standards for **Advanced Accident Investigation** General Industry & Construction ** Behavior Based Safety: Fundamentals & Implementation Parts 42, 92, & 430 – Hazard Communication Continuous Safety & Health Improvement & Right to Know Requirements ** Creating a Positive Safety Culture

OCCUPATIONAL HEALTH CERTIFICATE

Effective Safety & Health Training
Workplace Inspection

Required

Parts 42, 92, & 430 – Hazard Communication & Right to Know Requirements **

Part 380 - Occupational Noise Exposure

Part 451 – Respiratory Protection**

Parts 472 & 554 – Medical Services & First Aid, Bloodborne Infectious Diseases

Human Factors Engineering (formerly Ergonomics) or Parts 90 & 490 - Permit Required Confined Spaces

* These classes eligible toward either or both the Level One general industry or construction track.

Part 451 - Respiratory Protection**

** These classes eligible toward either or both the Level Two Compliance general industry or construction track.